

AMENDMENTS TO THE CLAIMS

Please amend claims 1, 4, 7-10, and 13 as set forth below. Please add new claims 23-29 as set forth below. Claims 2-3, 5, 11-12, 14-17, and 19-22 remain unchanged.

1. (currently amended) A method for selecting electronic components from a remote database over a distributed electronic network, the method comprising ~~the steps of~~:

storing a plurality of dynamic parts in a remote parts database, wherein each of said dynamic parts represents an individual electronic component and is associated with a plurality of component data items;

connecting a user computer to said remote parts database; and

embedding a dynamic part from said remote parts database into an application running on the user's computer.

2. (original) The method of claim 1, wherein said application running on the user's computer comprises a software program for modeling an electronic design.

3. (original) The method of claim 2, wherein said dynamic part functions within said application as a component of a modeled electronic design.

4. (currently amended) The method of claim 1, further comprising ~~the steps of~~:

displaying said dynamic parts graphically on the user's computer; and

receiving a selection indication of a dynamic part from a user.

5. (original) The method of claim 4, wherein said selection indication is performed by the user dragging a graphical icon representing the selected dynamic part into said application.

Claim 6 (cancelled)

7. (currently amended) The method of claim 1, further comprising ~~the step of~~ copying said component data items into a local database connected to the user computer upon embedding said dynamic part into the application.

8. (currently amended) The method of claim 7, wherein said local database comprises a resource planning database, said method further comprising ~~the steps of~~:

entering a component represented by said dynamic part into a parts approval process; and

comparing the component with data records of components already stored in said resource planning database.

9. (currently amended) The method of claim 7, further comprising ~~the step of~~ updating said local database from said remote parts database by moving data from said remote parts database to said local database without user intervention.

10. (currently amended) The method of claim 7, further comprising ~~the step of~~ updating said local database from said remote parts database by moving data from said remote parts database to said local database in response to a user request for said data.

11. (original) The method of claim 1, wherein said embedded dynamic part comprises a link to associated data stored in said remote parts database.

12. (original) The method of claim 1, wherein said embedded dynamic part comprises a link to associated data stored in a database of a supplier or distributor of the electronic component represented by said dynamic part.

13. (currently amended) The method of claim 1, further comprising ~~the steps of~~:
embedding a set of said dynamic parts into said application running on the user's computer;;
and

generating an electronic bill of materials based on said dynamic parts in said application, said electronic bill of materials comprising a link to either said remote parts database or another remote database for each dynamic part.

14. (previously amended) A system for providing electronic components to users over a distributed electronic network, comprising:

a remote parts database;

a plurality of dynamic parts stored in said remote parts database, wherein each of said dynamic parts represents an individual electronic component and is associated with a plurality of component data items; and

a server connected to said remote parts database and to said distributed electronic network, for connecting a user computer to said remote parts database and for transmitting dynamic parts to an application running on the user computer.

15. (original) The system of claim 14, wherein said application running on the user computer comprises a software program for modeling an electronic design.

16. (original) The system of claim 15, wherein said dynamic parts function within said application as components of a modeled electronic design.

17. (original) The system of claim 14, wherein said server transmits a list of dynamic parts to the user computer for graphical display, and receives a selection indication of a dynamic part from the user computer.

Claim 18 (cancelled)

19. (previously amended) The system of claim 14, further comprising a local database connected to the user computer, said local database storing dynamic parts transmitted to the user computer.

20. (original) The system of claim 19, wherein said local database comprises a resource planning database containing data records of approved parts, said system further comprising a parts approval process for comparing each dynamic part transmitted to the user computer with said data records of approved parts.

21. (previously amended) The system of claim 14, wherein one or more of said dynamic parts transmitted to the user computer comprises a link to either said remote parts database or another remote database.

22. (previously amended) The system of claim 14, further comprising a process for generating an electronic bill of materials based on said dynamic parts transmitted to said application on the user computer, said electronic bill of material comprising a link for each dynamic part to either said remote parts database or another remote database.

23. (new) A computer program product that includes a computer-usable medium having a sequence of instructions which, when executed by a processor, causes said processor to execute a process for selecting electronic components from a remote database over a distributed electronic network, the process comprising:

storing a plurality of dynamic parts in a remote parts database, wherein each of said dynamic parts represents an individual electronic component and is associated with a plurality of component data items and modeling behavior characteristics;

connecting a user computer to said remote parts database; and

embedding a dynamic part from said remote parts database into an application running on the user's computer.

24. (new) The computer program product of claim 23, wherein said application running on the user's computer comprises a software program for modeling an electronic design.
25. (new) The computer program product of claim 24, wherein said dynamic part functions within said application as a component of a modeled electronic design.
26. (new) The computer program product of claim 23, wherein the process further comprises:
displaying said dynamic parts graphically on the user's computer; and
receiving a selection indication of a dynamic part from a user.
27. (new) The computer program product of claim 23, wherein the process further comprises copying said component data items into a local database connected to the user computer upon embedding said dynamic part into the application.
28. (new) The computer program product of claim 23, wherein said embedded dynamic part comprises a link to associated data stored in said remote parts database.
29. (new) The computer program product of claim 23, wherein said embedded dynamic part comprises a link to associated data stored in a database of a supplier or distributor of the electronic component represented by said dynamic part.